

FIG. 1
(PRIOR ART)

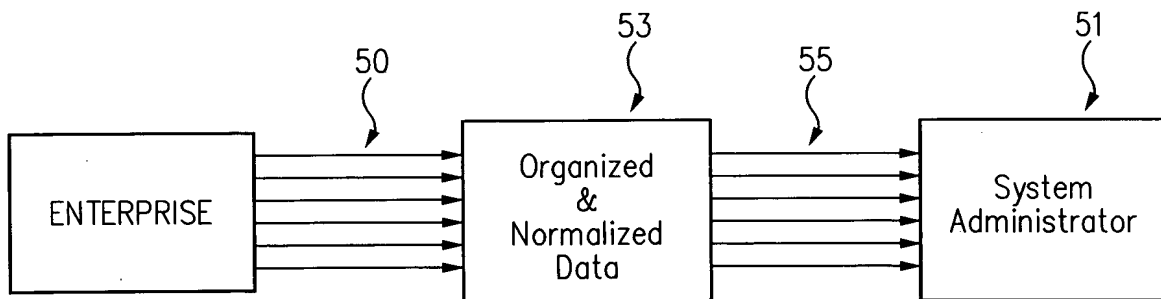


FIG. 2
(PRIOR ART)

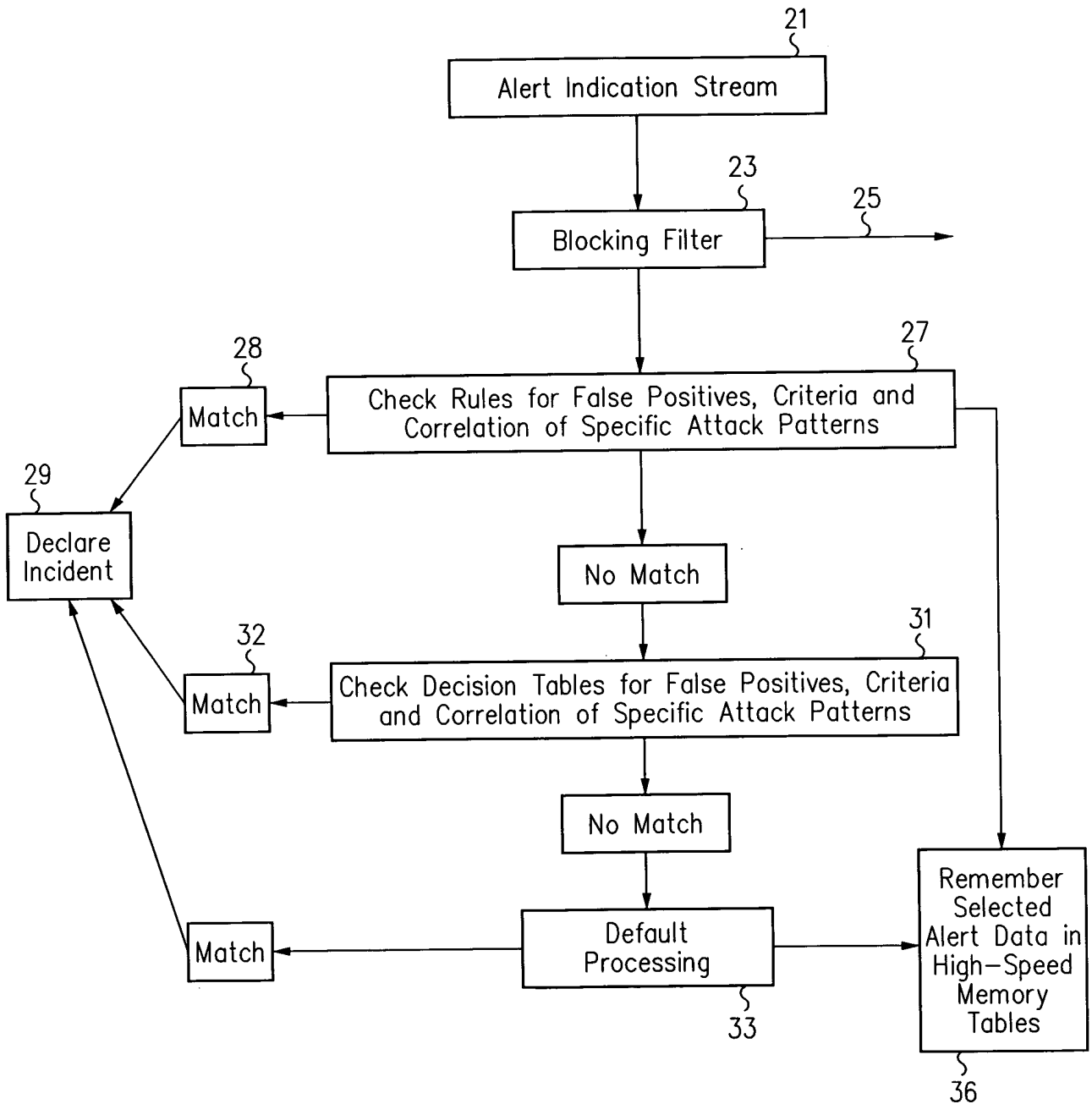


FIG. 3



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CyberWolf Incident Ticket-Microsoft Internet Explorer		
File Edit View Favorites Tools Help		
		
Incident Ticket		ID: 1012 Status: Open Priority: Critical
Update Tracking Criteria	Update Incident	Check History Help
INCIDENT DESCRIPTION		
"An attempt to send a binary shellcode to a host has been detected. This could indicate an attempt to execute a buffer overflow attack and gain unauthorized access to system resources."-AlertType-OS_MultiVendor_noop TrackingSource-10.193.111.87 TrackingTarget-10.193.111.4 Category-OSExploits ExpertType-SnortExpertSeverity-1		
Date Time	CONCLUSIONS	
13: 45 02/22/02	"An attempt to send a binary shellcode to a host has been detected. This could indicate an attempt to execute a buffer overflow attack and gain unauthorized access to system resources."-AlertType-OS_MultiVendor_noop TrackingSource-10.193.111.87 TrackingTarget-10.193.111.4 Category-OSExploits ExpertType-SnortExpertSeverity-1	
13: 45 02/22/02	"An HTML file has been modified on the Web server."-AlertType-HTMLFileModify TrackingSource-10.193.111.87 TrackingTarget-10.193.111.87 DeviceIP-10.193.111.87 Category-FileSystemAccess TargetFile-/home/httpd/html/_HomePage.htm ExpertType-ApacheExpertSeverity-1	
13: 45 02/22/02	"An attempt to log in to the host as root failed because the user entered an invalid password or attempted to log in from a remote terminal."AlertType-RootLoginAuthFailure TrackingSource-10.193.111.87 TrackingTarget-10.193.11.87 Category-AuthenticationViolations ExpertType-LinuxExpert Severity-	
13: 45 02/22/02	Unauthorized Access Attempt detected on an asset that was recently port scanned - Last scan occurred 1 seconds previous to following alert - "An FTP connection to the host was refused."-AlertType-FTPRefused TrackingSource-10.193.111.48 TrackingTarget-10.193.11.87 Category-AuthenticationViolations ExpertType-LinuxExpert Severity-3	
Date Time	Agent	ACTIONS
Tracking Rule		
Source:	10.193.111.48	
Targets:	10.193.111.87 10.193.111.4	
User Rule	And {TargetPort} Is "2033"	
Date Time	ALERTS	
13: 45 02/22/02	Description "An attempt to send a binary shellcode to a host has been detected. This could indicate an attempt to execute a buffer overflow attack and gain unauthorized access to system resources."FromLogSim0 Severity1SourceIP TargetIP 10.193.111.4 GenericAlert OS_MultiVendor_noop	
Done  Internet		

FIG. 4

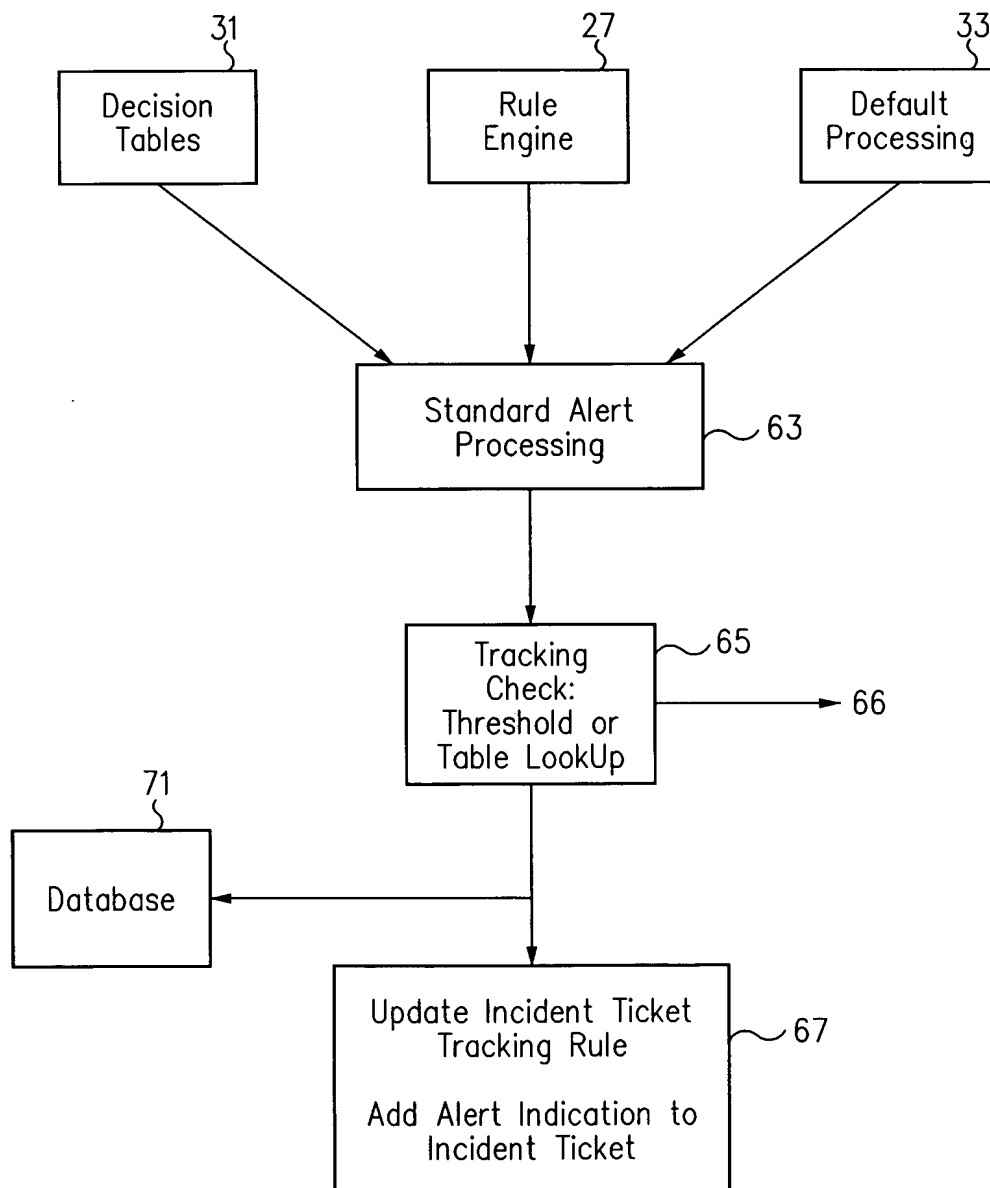
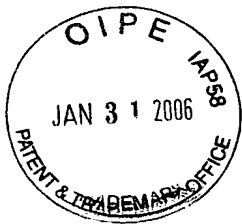



FIG. 5



CyberWolf Tracking Criteria—Microsoft Internet Explorer

File Edit View Favorites Tools Help

 *CyberWolf*

Update Tracking Criteria Incident#1012

☐ Disable Auto Update of Tracking Rule ☒ Show Details

Source: 10.193.111.48

Targets: ☒ 10.193.111.87 ☒ 10.193.111.4

Select All Unselect All

	And/Or	(Attribute Name	Condition	Attribute Value)
INS	And ▼	▼	TargetPort ▼	Is ▼	2033 ▼	▼
DEL						
INS	▼	▼	▼	▼	▼	▼
DEL						

Submit Reset Help

Done Internet

77 71 73 75 70

FIG. 6